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FIGURES

FIG. 1a

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-2433                                CCTCATGGAGTATTCTCATAACTGTCTTCAGTA
-2400 TGAATGAATCATACAATAGAACGGCAGCGAOSAAATAGACTTCGCCCTGAACTAGACNTAOSACAACATAGCCACCATTAGGG
-2320 GAAAGGCACCTTCAAGCTCTTTATCCCBTAGGCTGCACACACATAACBACATAACBACCACTGGGCAAGGGCATTTCAGGC
-2240 CACCCGTGGGTCAATCAAGGTCTCTCTCACTCAGCTTTAGAACTAAGGGTTTGAAACATGATCTTTCTTCAGTTTTTC
-2160 TTACANGAATCATTCACCTTTGGACACATTTACAAATTGAGTCCAACTTAACCGGCTACTTTCATTAGCCCTGANGG
-2080 ATTTTAAAAAAACTTTCACTGCCCGCAGGCTCTTCAACATCTTTTCTCATTATCAAGTGAGGCATTTTCTCAAAAG
-2000 TAAGGTTTGGACAGCTTTATATCAAAATAGCATACGTTTTTCACGTAAGTTTCATAACATTTACTTGCATCTCAOCA
-1920 CTTCGTCTTAAACATCTAGGATATTCCTTAGATATTCTTCATACTCAAGTCTCAGACTTGAAATCAATCAAGACTCTTAG
-1840 ACTAACAATTCCTCAATATACCTCATATATCATCTCTACTTAAACTAGAGAGATTTGCAACTCTCAATTAATCACAAA
-1760 GGTAACTCTCCAAATATCCAAATGGAGGTTTCAACTTCCAACTAATAACCAACCAACGGACTAATCATATCATATT
-1680 CATATCATAAATGTTTTCTAAGTGCCTCTGCGAGAAATTACAGTTTTGGCAGTCCGAAAGATTBAGCGGTAACAAAT
-1600 AGTTCCGAACTCTTTTTCACTTGAAATTTTTATGGTAGAACCTAACTTATAGTACTTGATATCCATAAAAAGTTTTGG
-1520 TCACTAGGTTCAAGAAATTAACACAGAAATTACATCTTTGCCCTTGGCAGTGGGCTGTCCGAAATCTGTCTCTCTGGA
-1440 CCAGTTTTGGCAAGCAATTTTGAACGACACTTATACTACTCCAAAAATTATGAAATTTTTATGGTAGCTTCTACAGTTA
-1360 TAGAAGTACATGTATAAAAATATTGGGTCAAAATACCTTAACGATTTTTTCCAAATATTCAOAGAACTTACTGCCAGAA
-1280 TCTAOCCTGCTTTTTCTTTCACTATTTTCACAACTATAAGCATATATGGGCATAAATATGACATGACATGCATGAACC
-1200 AATGCAGGGTGAAAGTAAGATTGAATATACTGATACTACAATTAAGTAATGATAAGTATAACTTTTTGAAAAAATTTGA
-1120 TTTTTTTTTTGATGAATTGATATAGTCCAAAGATTTTCTGATTTAATTAATTTCTATCTCATGTTGAACCCATTAA
-1040 TCGAATAATTGACATATTAGATAAACTTAGCCATCATATGACATTTGATCATGATTGATGATTTTTTAAAAAATAAAAAG
-960 AAATFATGAAGGGTAATGAATATTTTAAAAAAATTATGTAAACCTGTATCTAGTAATCTGTACATAATATTTTG
-880 TTTCAACTAAGAGGATGTTGGCAAAAGTATAATTAACTTGTGATCTTCGTACAATAATTATGCTTACGGACTCAACTA
-800 GTGACATGTTTCCAGGCAAAATTTACITTTCTATGAATATGAGAAGTTCCATGTATGSAATAAAGGATTATTTATCTAA
-720 TTTTCAAAATCTATATATATAGTCTCGAGTGGAAACAAAAATAGAACTAATTTGAAACAAATCAAAATCTAAGAAANTAATA
-640 CATGCTTTAGCAGCAAAAAATAAGAAATGGTACTATACTTAATCTCATCATAGTGTCAACCGCTGCATATAGCAGACTTAA
-560 CATTTTATATTCAAATATAGTTTAATTTAGTCATGATAATACAACTCACCTACTOCATTATAGCCGATAATAGAACTCAC
-480 CTAGCTACTOCATTATAGTCCAACAATATCAAAATGAATAAATAGTAATGGTGACTTAAAGGGCTGAATCCAACATATAT
-400 TCTGACATTTAAAAATGCTAACGTACGGTTAGATTAGTATAATGAAATAAGTAAATCATCTCTATATTTGATGATGCT
-320 AATTAGTATCATGGTAAGGTGTTTTATCGTGGCAGCATGAGTGCATGACAAACGCATATATTATTATTAAAGAAAAATAG
-240 TACTCCAAATCATAATAAATATCTTATATATATTTCCCAACATTTAAAAATTCAAATTAGAACAAATTAATCTCAGTTT
-160 GCTTTATTTATATTATCAACAATAAATTTAATAGTATCGAAGAAGCTTTCCCTTTCAAGTTCTCTATTTAAGGAAG
-80 CCTGAGAAAGCCATTATCTCATCATCAGCTCGACCACTCATTTCTTCTCATACTTCTTTCTGTGATATCATCATC

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FIG. 1b

ATGGCTTCTCTTTGTCACTCGGCTCAGGCTGGGCTTAGCTTCATCGCCCTAGCCCTAGCTGGCTTCTCCATTTACCAGAA 80
 M A S F V T R L S L A L S F I A L A L A G F S I Y Q N
 TAGCCATACAGCCATGAAAGGGCAGCTTAAGCTCAGCCGAAAGTGGCTGGTAGACAACACTCTAGAGTGGTCAGTGGGCG 160
 T H T A M K G Q L K E T P K W L L D N T L E S S V A
 ACGTGGTCTCACTAGGCTAGGCATCTGCTCCGGCAAGGTTTCCGACGAAGACTGCATATTCTCCGGCGTTAAGGAAGTG 240
 D V L S L R L G I S S G K L S D E D C I F S A V K E V
 GTGGACGGCGGCGATTGATCCAGAAACCGCATGGGTGCTTCCCTCATTGCGCTCTTCTTCCATGACTGGTCTTGTGATGT 320
 V D A A I D A E T R M Q A S L I R L F F H D C F V D
 ACGTACGCTAATTTGTACGATGATGTTTTTTTTTTTTTTTTTTTTTCCACGCGATTATATTAGGAAATTAACAGA 400
 TTGAAATGTGTGTTATTAAATGTAATTATCTGCAGGGTTGTGACGCGAGGTCTTCTACTAAACGATACAGCTACTTTGACCG 480
 G C D A G L L L N D T P T F T G
 ACAACAGACCGCGCGCGCAATAAATACTCAGTCAGAGGTTTTGAGGTGATACAACAAGCTAAAGAGAATGTGATAACCA 560
 E Q T A G G N N N S V T G F E V I Q Q A K E N V I T K
 AATGTCCCTACATACAAGTATGTTGTGCCGACATGTTATCCATTGCTGCCCGTGATTCTTTCCAGAGAGTAAGTGCATTT 640
 C P Y I Q V S C A D I L S I A A R D S F Q R
 ATTCCTAAAGGTTGAAATTAATAAGAACAGAAATCCAAACAATAACAGACAGTAAAAAAAAAAGATTATGTGGTTTGA 720
 CAATATGTTGAATTTGTTTTTATATTTAATGACTAGTATTTATGCATTATATTTATATGCAACTCTAAACATGCAGTTTA 800
 F
 CTGGAGAAACGTACACCGTGACTCTGGGAAGACTCGATGCAGAACGGCGAAGCTTACCGGAGCTAACACCCAACTCGTC 880
 T G E T Y T V T L G R L D A R T A N L T G A N T Q L V
 GBAACAAACGAGGAATTTGGCATCGCAAGTOSAGAAATTTGGGCGCAAGGGTTCTCCGAAACGGAGCTAGTGGCTTGT 960
 G P N E E L A S Q V E K F A A K Q F S E T E L V A L L
 AGGTGTTCAACGTTGGGTTTTGGAGATGTCCGCTTTTATCGGTTCCCATTTTCATGAATCCGCGCGCGGCTCCAGCG 1040
 G V H T V G F S R C P L L G V P I F I N P A R A S T
 TGCAATGCAACTGTCCCGTGAGTCCCGACGACCGGGCTGGTGGGCTGGACCCGACTCCGTTGAGCTGGGACCAAAAT 1120
 L Q C N C P V S P D D T G L V G L D P T P L T W D Q S
 TTTTACTCCGAOSTGGCTAACGGACAGGGCTTCTGTTCTCCGACAGAGCTGATGAATAGCAACACCACCAGGGCGCG 1200
 F Y S D V A N G Q G L L F S D N E L M N S N T T S A A
 CGTTAGGAGGTACAGGGACGAGATGGACGGTTTTCTCCCGGATTTCCCGCCCGCATGGTGAAGATGAGCTGCTGCGCG 1280
 V R R Y R D E M D A F L A D F A A A M V K M S L L P
 CGTCCCGGCGAGTGGAGCTGGAATCCGAGAGGTTTGCAGCGAGGTGAATGCGAACACAGTTGCATCCATGTGAAGTTGG 1360
 P S P G V E L E I R E V C S E V N A N T V A S H
 TTCCCATGACATCAATAAGCTCTGTGATTCTGTGAAGTETTACTCGGAGTGTGAAGAATTTTCACTTTCTGTTGTTTC 1440
 TGAAATAAAAAAGATTTTTTTTTTATGTCTTAACAAAACCTGTATTACTGAAATAAAATTTATAAATTGTGA 1512

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FIG. 2

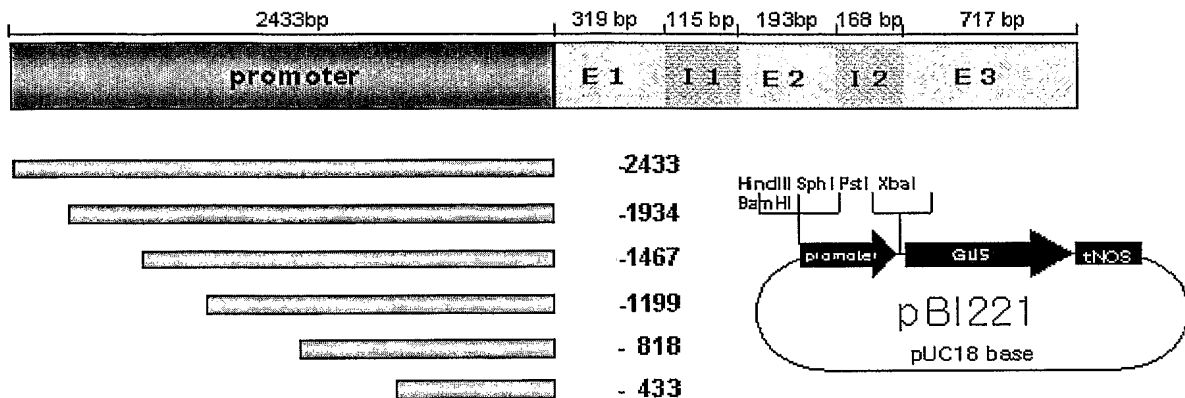


FIG. 3a

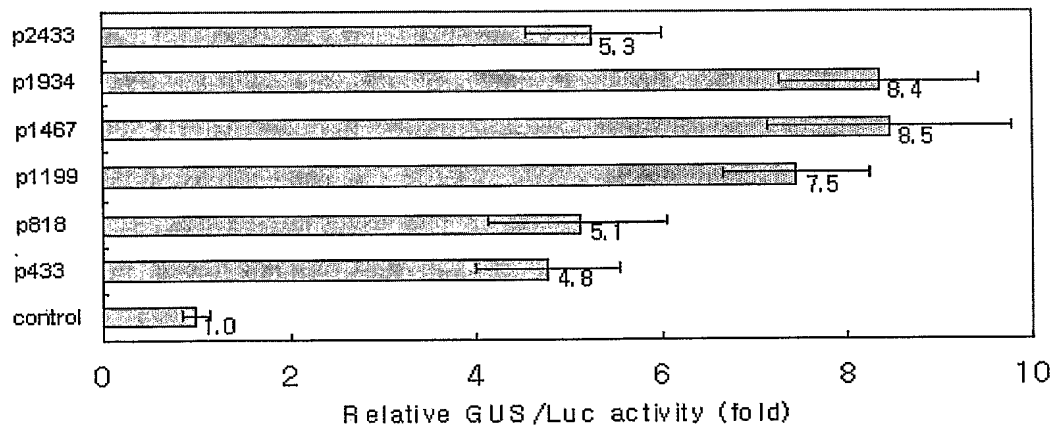


FIG. 3b

